Amendments to the Claims

Claim 1 (Currently amended): A ~~multifunctional multi-tap (concent) of intercepting a stand-by electric power~~multifunctional outlet strip for intercepting a stand-by electric power comprising:

an over-current circuit breaker for detecting and intercepting an over-current or a surge current generated due to ~~an disordera~~ malfunction of an appliance;

a power section for generating and outputting a motion voltage which is supplied to the parts inside of the ~~multi-tap~~outlet strip through ~~the~~ rectification, smoothing and voltage regulation process;

a motion condition setting part in which a user switches and sets ~~the condition whether or not a~~which sensor(s) is/are used and whether an interlocking control or a single acting control is adopted~~, and which outputs the switching signal~~;

a sensor part for detecting a light or a body motion and outputting a signal accordingly;

a current detecting part for detecting a current flowing into an interacting or a single-acting appliance and outputting a~~the detected~~ signal that is detected;

a control part which receives the user's switching signal for the selection of the interlocking/single-acting function and the detected signal~~, determines the detected signal of the sensor,~~ and outputs an on/off control signal for controlling ~~the~~an appliance, which is ~~led~~plugged into each ~~lead-in hole~~outlet~~, as~~ in a standby state or a power-saving state according to the interlocking or single-acting condition; and

an output control part which receives the on/off control signal of the control part and supplies/intercepts the power current flowing into each lead-in holes.

Claim 2 (Currently amended): The ~~multifunctional multi-tap (concent) of intercepting a stand-by electric power~~multifunctional outlet strip for intercepting a stand-by electric power according to claim 1, wherein once ~~the~~ reason for the over-current is eliminated by the over-current interceptor, electric power is supplied again by the user's operation of a reset button.

Claim 3 (Currently amended): The ~~multifunctional multi-tap (concent) of intercepting a stand-by electric power~~multifunctional outlet strip for intercepting a stand-by electric power according to claim 1, wherein ~~the~~ range of the interceptable over-current varies depending upon the over-current intercepting devices and can be predetermined and set at the initial manufacturing stage.

Claim 4 (Currently amended): The ~~multifunctional multi-tap (concent) of intercepting a stand-by electric power~~multifunctional outlet strip for intercepting a stand-by electric power according to claim 1, wherein the power part comprises a step-down transformer for ~~down-transforming~~stepping down a commercial alternating current power into a predetermined alternating current voltage, a bridge circuit for full-wave rectifying the transformed alternating current voltage, and a capacitor for smoothing the full-wave rectified alternating current voltage which is to be used as an operating voltage for driving a relay element of the output control part.

Claim 5 (Currently amended): The ~~multifunctional multi-tap (concent) of intercepting a stand-by electric power~~multifunctional outlet strip for intercepting a stand-by electric power according to claim 1, wherein ~~the~~ operating voltage is a direct current voltage of 12V.

Claim 6 (Currently amended): The ~~multifunctional multi-tap (content)~~outlet strip of intercepting a stand-by electric power according to claim 1, further comprising a constant voltage circuit for ~~down-transforming~~stepping down the operation voltage into a predetermined level of direct current voltage, and outputting it to the control part, the motion condition setting part and the sensor part.

Claim 7 (Currently amended): The ~~multifunctional multi-tap (concent) of intercepting a stand-by electric power~~multifunctional outlet strip for intercepting a stand-by electric power according to claim 6, wherein the predetermined level of direct current voltage is 5V.

Claim 8 (Currently amended): The ~~multifunctional multi-tap (concent) of intercepting a stand-by electric power~~multifunctional outlet strip for intercepting a stand-by electric power

according to claim 1, wherein the power part generates a clock signal for driving a timer built in the control part.

Claim 9 (Currently amended): The ~~multifunctional multi-tap (concent) of intercepting a stand-by electric power~~multifunctional outlet strip for intercepting a stand-by electric power according to claim 1, wherein the motion condition setting part consists of an array resistance and a switch, the switch being disposed outside of a outlet so that a user can choose whether an appliance corresponding to each of ~~auxiliary lead-in holes~~auxiliary outlets is used in an interlocking condition or a single-acting condition.

Claim 10 (Currently amended): The ~~multifunctional multi-tap (concent) of intercepting a stand-by electric power~~multifunctional outlet strip for intercepting a stand-by electric power according to claim 1, wherein the sensor part includes an illumination sensor for detecting a resistance corresponding to illuminance and comparing the resistance with a reference ~~illuminance~~resistance to determine a change of illuminance, and a body-detecting sensor for blocking light according to ~~the~~ motion of a human body.

Claim 11 (Currently amended): The ~~multifunctional multi-tap (concent) of intercepting a stand-by electric power~~multifunctional outlet strip for intercepting a stand-by electric power according to claim 1, wherein the control part is initially set by receiving an on/off signal ~~regarding~~corresponding to the use of a sensor and by receiving an on/off signal regarding an option of interlocking or single-acting function, detects a change of illuminance and/or a movement of a human body, detects a variation of a current flowing into each appliance, which is interlocked or single-acted and connected to an auxiliary lead-in hole, and outputs an on/off control signal to the output control part to induce the appliance to a standby state or a power saving state.

Claim 12 (Currently amended): The ~~multifunctional multi-tap (concent) of intercepting a stand-by electric power~~multifunctional outlet strip for intercepting a stand-by electric power according to claim 1, wherein if the change of illuminance or the motion of a human body is not

detected by the sensor part, a timer built in the control part operates to induce an appliance to a standby or power saving state.

Claim 13 (Currently amended): The ~~multifunctional multi-tap (concent) of intercepting a stand-by electric power~~multifunctional outlet strip for intercepting a stand-by electric power according to claim 1, further comprising a current adjusting switch for varying an amplification rate of the current flowing to an appliance, and output~~tings~~ an on/off control signal to the control part accordingly so that the ~~multi-tap (concent)~~outlet strip can be compatible with various appliances with different capacities.

Claim 14 (Currently amended): The ~~multifunctional multi-tap (concent) of intercepting a stand-by electric power~~multifunctional outlet strip for intercepting a stand-by electric power according to claim ~~13~~1, comprising one or more current adjusting switches~~wherein the number of the current adjusting switch is one or more~~.

Claim 15 (Currently amended): The ~~multifunctional multi-tap (concent) of intercepting a stand-by electric power~~multifunctional outlet strip for intercepting a stand-by electric power according to claim 1, wherein the output control part receives an on/off control signal according to ~~the~~ control operation of the control part and connects or disconnects ~~a~~one or more built-in relays so that the current flowing to ~~an~~ appliances, which ~~is~~ are led into each lead-in hole, can be supplied or intercepted.

Claim 16 (Currently amended): The ~~multifunctional multi-tap (concent) of intercepting a stand-by electric power~~multifunctional outlet strip for intercepting a stand-by electric power according to claim 1, wherein the over-current interceptor, the power part, the motion condition setting part, the current detecting part, the control part, and the output control part can be installed within an appliance or a plug.

Claims 17-23 (Canceled)